Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (Currently Amended): Hose, comprising a core and a cover having an embedded reinforcement support~~, specifically~~ in the form of a single-layer or multi-layer reinforcement structure, whereby the core and the cover ~~consist of~~ comprise a thermoplastic elastomer, in each instance, wherein an adhesion-imparting intermediate layer comprising an olefin plastic is worked in, ~~which can be~~ bonded to at least one of the core ~~and/or~~ and the cover material, and ~~therefore~~ enters into a bond with the reinforcement support. and wherein the reinforcement support is surrounded with twisted yarns of the olefin plastic.

Claim 2 (Previously Presented): Hose according to claim 1, wherein the adhesion-imparting intermediate layer is extruded directly onto the core, and the reinforcement support is laid directly onto the intermediate layer.

Claim 3 (Previously Presented): Hose according to claim 1, wherein the adhesion-imparting intermediate layer is extruded directly onto the reinforcement support, and the cover is worked on subsequently.

Claim 4 (Previously Presented): Hose according to claim 1, wherein the adhesion-imparting intermediate layer is applied to the core and to the cover, so that the reinforcement support is completely bonded into the intermediate layer.

Claim 5 (Previously Presented): Hose according to claim 1, wherein in the case of multi-layer hoses, the adhesion-imparting intermediate layer is applied between the individual reinforcement supports.

Claim 6 (Previously Presented): Hose according to claim 1, wherein the adhesion-imparting intermediate layer has a minimal melting point of 75°C.

Claim 7 (Previously Presented): Hose according to claim 1, wherein the adhesion-imparting intermediate layer has a maximal melting point of 170°C.

Claim 8 (Canceled).

Claim 9 (Currently Amended): Hose according to claim ~~8~~ 1, wherein the olefin plastic is polyethylene or polypropylene.

Claim 10 (Canceled).

Claim 11 (Currently Amended): Hose according to claim ~~8~~ 1, wherein the olefin plastic is applied directly to the reinforcement support.

Claim 12 (Currently Amended): Hose according to claim 1, wherein the adhesion-imparting intermediate layer ~~consists of~~ comprises a thermoplastic elastomer and a hydrocarbon resin~~, particularly an aromatic hydrocarbon resin, as well as other additives, if necessary~~.

Claim 13 (Previously Presented): Hose according to claim 12, wherein the thermoplastic elastomer comes from the group TPE-S, TPE-O, or TPE-V.

Claim 14 (Currently Amended): Hose according to claim 12, wherein the hydrocarbon resin component amounts to 2 to 50 wt.-%~~, particularly 5 to 30 wt.-%~~.

Claim 15 (Previously Presented): Hose according to claim 1, wherein the adhesion-imparting intermediate layer is an acrylate copolymer.

Claim 16 (Previously Presented): Hose according to claim 15, wherein the adhesion-imparting intermediate layer is an ethylene/acrylate copolymer.

Claim 17 (Previously Presented): Hose according to claim 16, wherein the adhesion-imparting intermediate layer is a copolymer on the basis of ethylene methyl acrylate (EMA), ethylene ethyl acrylate (EEA), or ethylene butyl acrylate (EBA).

Claim 18 (Currently Amended): Hose according to claim 15, wherein a hydrocarbon resin~~, particularly an aromatic hydrocarbon resin, as well as other additives, if necessary, is/are~~ is mixed into the acrylate copolymer.

Claim 19 (Currently Amended): Hose according to claim 18, wherein the hydrocarbon resin component amounts to 2 to 50 wt.-%, ~~particularly 5 to 30 wt.-%~~.

Claim 20 (Previously Presented): Hose according to claim 12, wherein another component in the form of a functionalized polymer is added to the adhesion-imparting intermediate layer.

Claims 21-22 (Canceled).

Claim 23 (Currently Amended): Hose according to claim 1, wherein the adhesion-imparting intermediate layer is a hydrocarbon resin~~, particularly an aromatic hydrocarbon resin~~.

Claim 24 (Currently Amended): Hose according to claim 23, wherein the hydrocarbon resin has a plastification point of 75°C to 145°C~~, particularly 100°C to 145°C~~.

Claim 25 (New): Hose, comprising a core and a cover having an embedded reinforcement support in the form of a single-layer

or multi-layer reinforcement structure, whereby the core and the cover comprise a thermoplastic elastomer, in each instance, wherein an adhesion-imparting intermediate layer comprising a thermoplastic elastomer, a hydrocarbon resin, and a functionalized polymer is worked in, bonded to at least one of the core cover material, and enters into a bond with the reinforcement support, wherein the functionalized polymer is a malein anhydride graft polyethylene or malein anhydride graft polypropylene, or an acrylate copolymer functionalized with polar CO groups or epoxy groups.

Claim 26 (New): Hose, comprising a core and a cover having an embedded reinforcement support in the form of a single-layer or multi-layer reinforcement structure, whereby the core and the cover comprise a thermoplastic elastomer, in each instance, wherein an adhesion-imparting intermediate layer comprising a thermoplastic elastomer, a hydrocarbon resin, and a functionalized polymer is worked in, bonded to at least one of the core cover material, and enters into a bond with the reinforcement support, wherein the proportion of the functionalized polymer is 0.5 to 20 wt.-%.